UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark O Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

12/13/2006

David G Parkhurst Fulwider Patton Lee & Utecht Howard Hughes Center 6060 Center Drive-10th Floor Los Angeles, CA 90045

EXAM	IINER
RIDDLE,	KYLE M
ART UNIT	PAPER NUMBER

DATE MAILED: 12/13/2006

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/530,121	04/01/2005	Steven Kenchington	BWT-70803	2620

TITLE OF INVENTION: ARRANGEMENT OF AN INTERNAL COMBUSTION ENGINE POPPET VALVE AND AN ACTUATOR THEREFOR

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO NO	\$1400	\$300	\$0	\$1700	03/13/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. $\,\,$ IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current **SMALL ENTITY status:**

A. If the status is the same, pay the TOTAL FEE(S) DUE shown

B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450

Alexandria, Virginia 22313-1450 or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)			Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.					
David G Parkl Fulwider Patton Howard Hugher	nurst Lee & Utecht S Center			I her State addr trans	Certi reby certify that this ss Postal Service wi essed to the Mail amitted to the USPT	ficate Fee(th suf Stop O (57	of Mailing or Transm s) Transmittal is being ficient postage for first ISSUE FEE address 1) 273-2885, on the da	nission deposited with the United t class mail in an envelope above, or being facsimile te indicated below.
6060 Center Dr Los Angeles, C			•				<u>-</u>	(Depositor's name)
,				_			<u> </u>	(Signature)
				L				(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVE	NTOR		АТТО	RNEY DOCKET NO.	CONFIRMATION NO.
10/530,121 TITLE OF INVENTION	04/01/2005 N: ARRANGEMENT OF	AN INTERNAL COMB	Steven Kenchingt USTION ENGINE Po		T VALVE AND A	N AC	BWT-70803 FUATOR THEREFOR	2620
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE	DUE	PREV. PAID ISSUE	FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300		\$0		\$1700	03/13/2007
EXAM	MINER	ART UNIT	CLASS-SUBCLAS	s				
RIDDLE	, KYLE M	3748	123-090120		•	•		
Address form PTO/S "Fee Address" inc PTO/SB/47; Rev 03- Number is required 3. ASSIGNEE NAME A	dication (or "Fee Address 02 or more recent) attach AND RESIDENCE DATA aless an assignee is ident th in 37 CFR 3.11. Comp	" Indication form and. Use of a Customer	or agents OR, alte (2) the name of a registered attorne; 2 registered paten listed, no name w	single y or a t attor ill be or typ the pa	e firm (having as a regent) and the names neys or agents. If ne printed. e) tent. If an assigned assignment.	nemb s of up o nam	er a 2er to e is 3elentified below, the do	cument has been filed for
		categories (will not be pr						up entity Government
4a. The following fee(s) are submitted: Issue Fee Publication Fee (No small entity discount permitted) Advance Order - # of Copies			 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form). 					
	ntus (from status indicate	· · · · · · · · · · · · · · · · · · ·	☐ b. Applicant is n	o long	er claiming SMALI	L ENT	FITY status. See 37 CF	R 1.27(g)(2).
NOTE: The Issue Fee ar interest as shown by the	nd Publication Fee (if req records of the United Sta	uired) will not be accepte tes Patent and Trademark	d from anyone other to Office.	han ti	ne applicant; a regist	ered a	attorney or agent; or the	e assignee or other party in
Authorized Signature					Date			
Typed or printed name					Registration No	·		
This collection of inform an application. Confider submitting the complete this form and/or suggest Box 1450, Alexandria, V Alexandria, Virginia 22:	ntiality is governed by 35 application form to the ions for reducing this bu Virginia 22313-1450. DC	CFR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to the ONOT SEND FEES OR	on is required to obtain 1.14. This collection of depending upon the chief Information (COMPLETED FORM	n or re is est indiv Office AS TO	etain a benefit by the mated to take 12 m idual case. Any con r, U.S. Patent and T THIS ADDRESS.	e publ inutes iment raden SENI	ic which is to file (and to complete, including s on the amount of tim lark Office, U.S. Depa D TO: Commissioner fo	by the USPTO to process) gathering, preparing, and the you require to complete truent of Commerce, P.O. or Patents, P.O. Box 1450,

PTOL-85 (Rev. 07/06) Approved for use through 04/30/2007.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.			
10/530,121 04/01/2005		Steven Kenchington	BWT-70803	2620			
. 75	90 12/13/2006		EXAM	INER			
David G Parkhur	st		RIDDLE, KYLE M				
Fulwider Patton Le	e & Utecht	ART UNIT	PAPER NUMBER				
Howard Hughes Co 6060 Center Drive	-10th Floor		3748 DATE MAILED: 12/13/200	6			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.